

OPTIONAL FEATURES

Spare HEPA Filters	Can be provided at an extra cost
Magnetic Gauge	(To track filter pressure) in lieu of static pressure manometer.
Interlocking	U.V. Germicidal tube & fluorescent light with auto switch off/on mode for motor blower when the door is closed/open.
Hour Meter totalizer	For U.V. light
Microprocessor LCD Controller with Auto Switch off mode	For motor blower when door is closed. Digital buzzer timer sounds an audio alarm on completion of sterilizing time of the chamber and the switches off U.V. germicidal tube and automatically switches ON the fluorescent light, alerting the user that the bench is ready for use.
Can be fitted with micro chip controlled electronic digital indicator	To display air flow rate fitted with sensor

THE PLT-271 SERIES

LAMINAR AIR FLOW BENCH VERTICAL



FOR MORE DETAILS VISIT US AT : tancelabproducts.com



APPLICATIONS

- *“TANCO” Laminar Air Flow Benches Vertical are designed so as to meet the requirement of US Federal Standard 209 B (BS 5295) providing particle free air to meet class 100 conditions mainly used for various works that require maintenance of the cleanness and purity.
- *It is Ideal for Culture analysis, Bacteriological & Biological applications in Hospitals, Plant Tissue Culture, Labs, Food, Beverage and Electronic Industries.
- *It provides an economical work environment– suitable for hospitals, drugstore, pharmaceuticals factories, sanitation and anti-epidemic stations.

SALIENT FEATURES & CONSTRUCTION

- *Low Cost.
- *Low Noise.
- *User Friendly Ergonomic Design.
- *Controlled Environment Particulate Free Product Protection.
- *Basic material is thick board wood front back top and exterior surfaces are covered with Formica. OR Cold rolled steel duly powder coated OR Stainless Steel (SS-304) (as ordered).
- *Working table is made of Stainless Steel Sheet (SS-304 grade).
- *All interior surfaces are epoxy painted filter seat is carefully formed, installed and checked for leakage.
- *Side panels & front doors are made of 6 mm thick acrylic transparent plexi glass.
- *The highly efficient HEPA filter maintains the optimum cleanliness and purity.
- *The pre-filter fitted extends the life of HEPA filter drastically.
- *Air drawn through pre-filter is made to pass through highly effective HEPA (High Efficiency Particular Air) filters having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all air-borne particles of size 0.3 micron and larger.
- *Working area is illuminated by fluroescent lighting fitted to the unit.
- *The blower and motor assembly is statically and dynamically balanced of 1/5 H.P. capacity operates with minimum noise level.
- *Height of the working table provides comfortable "SIT DOWN" working position for the operator.
- ***Supplied complete with S.S. Table Top, Transparent front door, Static Pressure Manometer. Built in U.V. Germicidal Light and Cock for gas, air or vacuum line, HEPA filters and pre-filter.**
- *Supplied complete with cord & plug to work on Single Phase 220 / 230 volts A.C. supply.

TECHNICAL INFORMATION AND ORDERING INFORMATION

Model No.	VLF-1	VLF-2	VLF-3	VLF-4
Working Table Size	2' x 2'	3' x 2'	4' x 2'	6' x 2'
Working Size	2' x 2' x 2'	3' x 2' x 2'	4' x 2' x 2'	6' x 2' x 2'
HEPA Filter Size	2' x 2' x 6"	3' x 2' x 6"	4' x 2' x 6"	3' x 2' x 6"
No. of Motor/Blower	1	1	1	2
Illumination	1 x 20 w	1 x 20 w	2 x 40 w	2 x 40 w
Main Filter	HEPA Filter (99.97% efficient at 0.3 micron particles)			
Pre-Filter	High efficiency pre-filter (Washable)			
Sterilization	By U. V. Germicidal Tube in work area			
Front Door	Made of Plexi Glass 6 mm			
Noise Level	Less than 65 db			
Standard Accessory	Gas/Air cock			
Electric Supply	AC 230V, 50/60Hz			



An ISO 9001: 2008 Certified Co.

